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DIV. OF OIL, GAS & MINING

## CONTINENTAL LIME, INC. CRICKET MOUNTAIN PLANT

P.O. BOX 669 DELTA, UT 84624 801-864-3823/FAX 864-3431

Mr. Lynn Kunzler

Senior Reclamation Specialist Utah Division of Oil Gas and Mining

Minerals Reclamation Program 1594 W. North Temple

Box 145801

Salt Lake City, UT 8414-5801

FROM: Bob Robison

TO:

DATE: April 16, 1997

SUBJECT: Concurrent Reclamation Reports - Poison Mountain Quarry

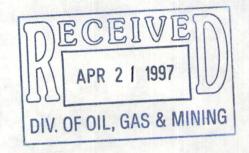
Enclosed please find copies of the report which we understood were sent to your office on 22 March, 1997. I'm sorry for any inconvenience this may have caused. I will be contacting you very soon to insure that all of your information requests have been met. Mike Brown has called SRK to address your request for the reclamation information for the new proposal; you will be apprised. Please call me or Mike Brown (801-264-6880) if you have additional questions. Thank you for your help.

BR/rmr

cc: Joe Brokke, Vic Kastner, Mike Brown

## CONTINENTAL LIME, INC. CRICKET MOUNTAIN PLANT

P.O. BOX 669 DELTA, UT 84624 801-864-3823/FAX 864-3431



TO:

Mr. Wayne Hedberg Permit Supervisor Utah Division of Oil Gas and Mining Minerals Reclamation Program

1594 W. North Temple

Box 145801

Salt Lake City, UT 8414-5801

FROM:

Joe Brokke

Plant Manager

DATE:

March 21, 1997

SUBJECT:

Status of Concurrent Reclamation - Poison Mountain Quarry

The purpose of this correspondence is to help keep you informed of the status of the current reclamation at the Poison Mountain quarry at the Cricket Mountain operation of Continental Lime, Inc. Enclosed please find interoffice memoranda explaining the concurrent procedures and a map showing the location of reclaimed areas. Monitoring of the reclaimed areas will be conducted as outlined in the Poison Mountain quarry Plan of Operations. Thank you for you help in our mining operation; we are looking foreword to continued cooperation with your staff. Please contact us if you have questions or require additional information.

JB/br

cc: Bill Dodge; Mike Brown; Vic Kastner

To: B. Robison Mar. 10, 1997

From: V. Kastner

## Subject: CONCURRENT RECLAMATION CONDUCTED IN DEC. 1996

From Dec. 16, 1996 to Dec. 19, 1996 five areas were reclaimed. This reclamation utilized various mulch types and quantities; the seed type was kept consistent and applied the rate was 20 lbs. per acre; and fertilizer, 16-16-8, was applied at a rate of 50 lbs. per acre. The procedure for each area was the same as that used earlier in the year: (1)the layer of fines and the underlying bedrock were ripped to a minimum depth of 18", (2) seed and fertilizer were spread separately with a broadcast seeder mounted on the back of a four-wheeler, (3)straw or hay mulch was hand spread, and (4) the track dozer "tracked" in the mulch/seed/fertilizer.

Listed below are the specifics for each area:

- All fertilizer was IFA brand 16-16-8, and it was applied at a rate of 50 lbs. per acre.

- Seed mix:		(lbs. PLS in 12 lbs./ac. basis)	( % PLS)
	Hycrest crested wheat grass	1.44 lbs.	12
	Luna pubescent wheat grass	2.88 lbs.	24
	Bozoisky Russian wildrye	2.88 lbs.	24
	Koshia Prostrata	.48 lbs.	4
	yellow sweet clover	1.44 lbs.	12
	shadscale	1.44 lbs.	12
	Four-wing salt brush	1.44 lbs.	12

<sup>-</sup> The seed was purchased from Intermountain Seed Co. of Ephriam, Utah.

## Areas:

West Wall:

5920 W: approx. 1/2 ac.; 20 lbs. of seed / ac.; 3000 lbs/ ac. of straw mulch; 50 lbs./

ac. of fertilizer, growth media was limestone fines.

5920 NW: approx. ½ ac.; 20 lbs. of seed / ac.; 1000 lbs. / ac. of hay mulch; 50 lbs./ ac.

of fertilizer; growth media was limestone fines.

5900 W approx. 1/2 ac.; 20 lbs. of seed / ac.; 2300 lbs. / ac. of straw mulch; 50 lbs./

ac. of fertilizer, growth media was limestone fines.

East Wall:

5940 E: approx. 1/2 ac.; 20 lbs. of seed / ac.; 2500 lbs. / ac. of straw mulch; 50 lbs./

ac. of fertilizer; growth media was limestone fines.

5900 E: approx. 1 ac.; 20 lbs of seed / ac.; 1500 lbs. / ac. of straw mulch; 50 lbs./ ac.

of fertilizer; growth media was limestone fines.

cc. J.Brokke M. Brown

<sup>-</sup> Both hay and straw bales were purchased locally to be used as mulch.

Dec. 2, 1996

To: Bob Robison From: Vic Kastner

Subject: Reclamation of Selected Catch Benches in April 1996

Using a seed mix recommended by a representative of the Soil Conservation Service and amended by a representative of UDOGM, three catch benches were reclaimed. Each catch bench was treated differently as to type of growth media, quantity and type of mulch, and quantity of fertilizer. This approach had been discussed with representatives of UDOGM during their May 1996 site visit. The idea was to use several years of reclamation as large test plots for future reclamation decisions.

Please find attached correspondence from the Soil Conservation Service.

Listed below are the specifics of each reclaimed area.

- All fertilizer was IFA brand 16-20-0.

- Seed mix: Hycrest crested wheat grass Luna pubescent wheat grass Bozoisky Russian wildrye Koshia Prostrata yellow sweet clover	(lbs. PLS in 12 lbs./ac. basis) 1.44 lbs. 2.88 lbs. 2.88 lbs. 48 lbs. 1.44 lbs. 1.44 lbs.	( % PLS ) 12 24 24 4 12 12
yellow sweet clover shadscale Four-wing salt brush	1.44 lbs. 1.44 lbs.	12 12

- The seed was purchased from Intermountain Seed Co. of Ephriam, Utah.
- Both hay and straw bales were purchased locally to be used as mulch.

Areas: (all of the catch benches were on the west final wall of the Poison Mtn. Quarry)

approx. 11/4 ac.; 12 lbs. of seed / ac.; 1000 lbs/ ac. of straw mulch; 40 lbs./ ac. of fertilizer; growth media was limestone fines.

5940 south: approx. 3/4 ac.; 12 lbs. of seed / ac.; 1000 lbs. / ac. of hay mulch; 40 lbs./ ac. of fertilizer; growth media was limestone fines.

5940 north: approx. ½ ac.; 12 lbs. of seed / ac.; 2000 lbs. / ac. of hay mulch; 40 lbs./ ac. of fertilizer; growth media was topsoil.

cc. J.Brokke M. Brown

